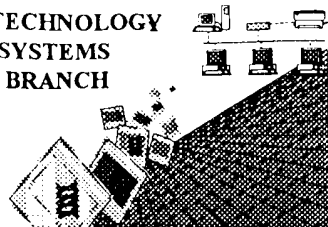


M. Ibrahim

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/658,835B
Source: 1600 Rush
Date Processed by STIC: 5/30/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

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TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
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<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 01/29/2002



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/658,835B

DATE: 05/30/2002

TIME: 16:41:00

Input Set : A:\EP.txt

Output Set: N:\CRF3\05302002\I658835B.raw

Does NOT contain
Corrected Discrete Names

pp 2-3

3 <110> APPLICANT: Duvick, Johnathan P.
4 Gilliam, Jacob T.
5 Maddox, Joyce R.
6 Rao, Aragula Gururaj
7 Crasta, Oswald R.
8 Folkerts, Otto
10 <120> TITLE OF INVENTION: Amino Polyol Amine Oxidase Polynucleotides and Related
Polypeptides and
11 Methods of Use
13 <130> FILE REFERENCE: 1134R
15 <140> CURRENT APPLICATION NUMBER: US 09/658,835B
16 <141> CURRENT FILING DATE: 2000-09-08
18 <150> PRIOR APPLICATION NUMBER: US 60/092,936
19 <151> PRIOR FILING DATE: 1998-07-25
21 <150> PRIOR APPLICATION NUMBER: US 60/135,391
22 <151> PRIOR FILING DATE: 1999-05-21
24 <150> PRIOR APPLICATION NUMBER: US 09/352,159
25 <151> PRIOR FILING DATE: 1999-07-12
27 <150> PRIOR APPLICATION NUMBER: US 09/352,168
28 <151> PRIOR FILING DATE: 1999-07-12
30 <160> NUMBER OF SEQ ID NOS: 53
32 <170> SOFTWARE: PatentIn version 3.1

ERRORED SEQUENCES

7245 <210> SEQ ID NO: 51
7246 <211> LENGTH: 463
7247 <212> TYPE: PRT
7248 <213> ORGANISM: Unknown
7250 <220> FEATURE:
7251 <223> OTHER INFORMATION: Cys (-) APAO; removal of cysteines 359 and 461
7253 <400> SEQUENCE: 51
7255 Lys Asp Asn Val Ala Asp Val Val Val Val Gly Ala Gly Leu Ser Gly
7256 1 5 10 15
7259 Leu Glu Thr Ala Arg Lys Val Gln Ala Ala Gly Leu Ser Cys Leu Val
7260 20 25 30
7263 Leu Glu Ala Met Asp Arg Val Gly Gly Lys Thr Leu Ser Val Gln Ser
7264 35 40 45
7267 Gly Pro Gly Arg Thr Thr Ile Asn Asp Leu Gly Ala Ala Trp Ile Asn
7268 50 55 60
7271 Asp Ser Asn Gln Ser Glu Val Ser Arg Leu Phe Glu Arg Phe His Leu
7272 65 70 75 80
7275 Glu Gly Glu Leu Gln Arg Thr Thr Gly Asn Ser Ile His Gln Ala Gln

Reminder: give source
of genetic
material on
<223> line
whenever
<213> response
is Unknown
or is
Artificial Sequence

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/658,835B

DATE: 05/30/2002
TIME: 16:41:02

Input Set : A:\EP.txt
Output Set: N:\CRF3\05302002\I658835B.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:51; Line(s) 7278,7284,7285

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,12,13,14,15,34

has been designated as an Artificial Sequence Listing.
Listing to be made in the sequence listing
presented in the <213> Organism section of
the listing or New.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/658,835B

DATE: 05/30/2002

TIME: 16:41:02

Input Set : A:\EP.txt

Output Set: N:\CRF3\05302002\I658835B.raw

L:56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:300
L:79 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
L:91 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
L:1004 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12
L:1017 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13
L:1030 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14
L:1042 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15
L:5233 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34
L:5768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:600
L:5880 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:208
L:7278 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:7278 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:7282 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:51
M:332 Repeated in SeqNo=51
L:7284 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:7284 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:7366 M:252 E: No. of Seq. differs, <211> LENGTH:Input:463 Found:431 SEQ:51